



Ministry of Culture
Government of India








**NATIONAL COUNCIL OF SCIENCE MUSEUMS
SECTOR - V, 33, BLOCK - GN, BIDHANNAGAR,
KOLKATA - 700 091**

TENDER NO. I-18014/5/26(04)

Sl. No.	Description of item	Unit
1.	<p>Fabrication of wooden crate made with the approved good quality of straight hard wood (Sirish/Arjun/Mango wood) with the following details:</p> <p>The wooden crate made of vertical (4" x 1") and horizontal (3"×1.5") hard wood battens with a crate grid-gap of 4" and hard wood runner (3"x2"). The base must be made of straight hard wood plank of 1" thickness with gap of 4" between adjacent hard wood planks.</p> <p>All corners must be protected with GI metal straps, so as to ensure proper reinforcement and structural stability. The base must have a sufficient layer of corrugated paper and transparent polythene sheet.</p>	Per CBM
2.	<p>Fabrication of wooden crate made with the approved good quality pine wood with the following details:</p> <p>The wooden crate made of vertical (4" x 1") and horizontal (3"×1.5") pine wood battens with a crate grid-gap of 4" and pine wood runner (3"x2"). The base must be made of straight pine wood plank of 1" thickness with gap of 4" between adjacent pine wood planks.</p> <p>All corners shall be protected with GI metal straps, so as to ensure proper reinforcement and structural stability. The base must have a sufficient layer of corrugated paper and transparent polythene sheet.</p>	Per CBM
3.	<p>Fabrication of Plywood wooden box with 12mm commercial Plywood (IS:303, BWR Grade) and supporting batten would be made from the approved good quality of straight hard wood (Sirish/Arjun/Mango wood) with following details:</p> <p>The box shall be fabricated with adequate structural support using horizontal hardwood battens (3"×1.5") and runners (3"×2"). The base shall be made in the form of a pallet or skid to facilitate safe handling, lifting, and load-bearing during loading, unloading and transportation.</p> <p>The box shall be fitted with a sunk-in lid, securely fastened using M8 G.I. bolts, washers, and fly nuts. For safe positioning and protection of the packed items inside the box, good-quality straight hard wood sections, along with felt-lined</p>	Per CBM

	<p>protection channels and spacers must be provided as per requirement and advised by the NCSM officials.</p> <p>The base must have a sufficient layer of corrugated paper and transparent polythene sheet. Also, inside lining with plastic and corrugated papers must be provided on all sides of the box. All corners shall be protected with GI metal straps, so as to ensure proper reinforcement and structural stability.</p>	
4.	<p>Fabrication of Plywood wooden box with 12mm commercial Plywood (IS:303, BWR Grade) and supporting batten would be made from the approved good quality of pine wood with following details:</p> <p>The box shall be fabricated with adequate structural support using horizontal pine wood battens (3"×1.5") and runners (3"×2"). The base shall be made in the form of a pallet or skid to facilitate safe handling, lifting, and load-bearing during loading, unloading and transportation.</p> <p>The box shall be fitted with a sunk-in lid, securely fastened using M8 G.I. bolts, washers, and fly nuts. For safe positioning and protection of the packed items inside the box, good-quality pine wood sections, along with felt-lined protection channels and spacers must be provided as per requirement and advised by the NCSM officials.</p> <p>The base must have a sufficient layer of corrugated paper and transparent polythene sheet. Also, inside lining with plastic and corrugated papers must be provided on all sides of the box. All corners shall be protected with GI metal straps, so as to ensure proper reinforcement and structural stability.</p>	Per CBM
5.	<p>Fabrication of Taramandal boxes of 1 set consisting of 4 pieces of different design and dimensions with the following details:</p> <p>Box is to be made strictly with the 12mm plywood (BWP, IS:710, Fire resistant/fire-proof). All outside is to be covered with Rexin (approved colour). To be given with ¼" thick PU foam, top cover and body is to be attached with a chain, to be provided with handle, locking arrangement and hinge with stainless steel materials.</p> <p>The box is to be fabricated using 12 mm thick plywood (BWP, IS:710, fire-resistant/fire-proof). The external surfaces of the box shall be fully covered with rexine of approved colour. The interior surfaces shall be provided with ¼" thick PU foam lining. The top cover shall be attached to the main body by means of a chain. Suitable handle, locking arrangement, and hinges made of stainless steel shall be provided.</p> <p><u>The Detailed drawings and specification of all the four boxes are attached in "Annexure-A".</u></p>	1 Set
6.	<p>Packing of the items inside the wooden crates or plywood boxes (Sl. Nos. 1, 2, 3 and 4) using suitable packing materials, as required, such as thermocol, thermocol chips, corrugated paper, stretch film, transparent polythene, bubble wrap sheet, cotton, PU foam sheet, rubber/shock absorber, felt, etc., to ensure adequate protection of the items inside the crates/boxes.</p> <p>The packing shall be done in a manner appropriate to the nature and condition of each item so as to prevent any damage during transportation.</p>	Per CBM

7.	<p>Gunny packing of the items using suitable protective packing materials such as transparent polythene sheet/wrapping and good-quality jute sacks.</p> <p>The items shall first be properly wrapped with transparent polythene to protect it from dust, moisture, and surface damage, and thereafter covered with strong, clean, and durable jute sack material to provide additional external protection during handling, storage, and transportation. The packing shall be done neatly and securely, with proper stitching, tying, or sealing as required, so as to ensure adequate safety of the item and to avoid any damage in transit.</p>	Per CBM
8.	<p>Packing and wrapping of the items, using corrugated paper and stretch film as per the requirement.</p> <p>Each item shall first be fully covered with corrugated paper for protection against surface damage, scratches, and dust. Thereafter, the item shall be securely over-wrapped with stretch film so as to hold the protective layer firmly in position. The wrapping shall be neat, tight, and uniform, ensuring adequate protection during handling, stacking, storage, and transportation, without causing any damage to the items.</p>	Per CBM
9.	<p>Sender and Receiver's address with contact No., box numbers and safety markings like Top Arrow, Keep Dry, Handle with Care, fragile item inside, etc.) to be marked with appropriate stencil and paint on each packing boxes any gunny.</p> <div style="display: flex; justify-content: space-around; align-items: center;">      </div>	Per Box.
10	<p>Supplying and fixing of heavy-duty castor wheels of polyurethane roller-bearing type with metal plate mounting and brake arrangement, ready for installation on packing crates/boxes. The castor wheels shall be suitable for load capacities up to 3 tonnes and shall be provided and fitted on any of the crates/boxes listed at S. Nos. 1, 2, 3, 4 and 5, as required and as per the instructions.</p>	Per Pc.

Annexure-A

Drawings and specification of Taramandal Packing boxes- Set of 4 Boxes:

1. Box for Dome
2. Box for Projector
3. Box for Cylinder
4. Box for Fan

Dated

Official Seal

Signature_of the tenderer/Constituted Attorney